

AMENDMENTS TO THE CLAIMS:

This listing of claims replaces all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A computer-implemented method of storing data in a first database, the method comprising:

receiving storing data input in a data entry format via an interface, wherein the data in the data entry format excludes information required by a data entry rule;

transforming the data from the data entry format to a first data storage format, wherein the data in the first data storage format includes the information required by the data entry rule;

identifying an error in the data in the first data storage format, the error belonging a particular type of error;

routing the data to a selected one of first and second error correctors based on a type of the error correction modules, the first and second error correction modules being configured to correct first and second types of data errors, respectively, the first and second types of data errors being different;

receiving corrected data from the selected one of the first and second error correctors correction modules; and

storing the corrected data in the first database in the first data storage format.

2. (Previously Presented) The method of claim 1, wherein transforming is performed by a rules-based procedure.
3. (Previously Presented) The method of claim 1, further comprising providing default data values in the interface.
4. (Previously Presented) The method of claim 1, further comprising receiving data identifying a user who input the data via the interface.
5. (Previously Presented) The method of claim 4, further comprising:
deriving additional data to be stored in the first data storage format based on the input data and based on an identity of the user; and
storing the additional data in the first database.
6. (Previously Presented) The method of claim 4, further comprising defining dynamically the data entry format based on an identity of the user.
7. (Previously Presented) The method of claim 6, further comprising providing default data values to the interface.

8. (Previously Presented) The method of claim 1, further comprising:
transforming the data from the data entry format to a second data storage format; and
storing the data in a second database in the second data storage format.

9. (Currently Amended) A computer program product, embodied in a tangible machine readable medium storage device, for enhancing a quality of data stored in a system, the computer program product comprising instructions for causing a processor to:

receive store data input in a data entry format via an interface, wherein the data in the data entry format excludes information required by a data entry rule;

transform the data from the data entry format to a first data storage format, wherein the data in the first data storage format includes the information required by the data entry rule;

identify an error in the data in the first data storage format, the error belonging to a particular type of error;

route the data to a selected one of first and second error correctors based on a type of the error correction modules, the first and second error correction modules being configured to correct first and second types of data errors, respectively, the first and second types of data errors being different;

receive corrected data from the selected one of the first and second error correctors correction modules; and

store the corrected data in the first database in the first data storage format.

10. (Previously Presented) The computer program product of claim 9, wherein transforming is performed by a rules-based procedure.

11. (Previously Presented) The computer program product of claim 9, wherein the computer program product further comprises instructions for causing a processor to provide default data values in the interface.

12. (Previously Presented) The computer program product of claim 9, wherein the computer program product further comprises instructions for causing a processor to receive data identifying a user who input the data via the interface.

13. (Currently Amended) The computer program product of claim 12, wherein the computer program product further comprises instructions for causing a processor to:

derive additional data to be stored in the first data storage format based on the input data and based on an identity of the user; and
store the additional data in the first database.

14. (Previously Presented) The computer program product of claim 12, wherein the computer program product further comprises instructions for causing a processor to dynamically define the data entry format based on an identity of the user.

15. (Previously Presented) The computer program product of claim 14, wherein the computer program product further comprises instructions for causing a processor to provide default data values to the interface.

16. (Previously Presented) The computer program product of claim 9, wherein the computer program product further comprises instructions for causing a processor to: transform the data from the data entry format to a second data storage format; and store the data in a second database in the second data storage format.

17. (Currently Amended) The method of claim 1, further comprising: monitoring the ~~a~~ workload of the first and second error ~~correctors~~ correction modules; and

shifting error handling responsibilities from the first error ~~corrector~~ correction module to a different error ~~corrector~~ correction module in response to detecting that the workload of the first error ~~corrector~~ correction module is higher than a desired workload.

18. (Currently Amended) The method of claim 1, further comprising: determining a desired timeframe for resolving the error; and sending a reminder to the selected one of the first and second error ~~correctors~~ correction modules, the reminder including a request to resolve the error by the desired timeframe.

19. (Currently Amended) The computer program product of claim 9, further comprising instructions to:

monitor the workload of the first and second error correctors correction-modules; and shift error handling responsibilities from the first error corrector correction-module to a different error corrector correction-module in response to detecting that the workload of the first error corrector correction-module is higher than a desired workload.

20. (Currently Amended) The computer program product of claim 9, further comprising instructions to:

determine a desired timeframe for resolving the error; and send a reminder to the selected one of the first and second error correctors correction-modules, the reminder including a request to resolve the error by the desired timeframe.